

ABSTRACT

Device for distributing information and its fault
management process

To improve the robustness of a network (1), in an aircraft (2) or a boat or a train, comprising one or more splitters (20-22) of which an upstream input output (40) is linked to a first end of a chain (39) comprising stations (3-4), at lower overdimensioning cost, and with dynamic management of a fault which renders it transparent or of very short duration, a second end of the chain is linked to a downstream input output (41) of another splitter (21) and a fault management procedure is implemented activating or otherwise one of the ends of a chain depending on the nature and the conditions of the fault. Preferably, addresses of the elements of the network (1) can reflect its topology and facilitate the shunting of the addresses of the stations between splitters.

Figure 1